RF exposure statement

To whom it may concern:

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is authorized as an agency from **Applicant: NIKON-TRIMBLE CO., LTD.** to act on their behalf in all matters relating to applications for equipment authorization, including testing the device and the signing of all documents relating to these matters.

The maximum peak output power of the product **FCC ID: W4LNT0001** is 5.105mW, and this is lower than low threshold 120/fGHz mW (48.97mW), d ≥ 2.5cm in category of general population in the July02 TCB Exclusion List.

Therefore, the product **FCC ID: W4LNT0001** is deemed to comply with the requirements of FCC 47CFR 2.1093 'Radiofrequency radiation exposure evaluation: portable devices'.

RF exposure calculation

$$S = \frac{PG}{4*\pi*R^2}$$

$$S = \frac{5.105*1.58}{4*\pi*R^2} = \frac{8.0659}{4*\pi*(20cm)^2} = \mathbf{0.001605mW/cm^2} \quad (\text{limit}=1.0mW/cm^2)$$

where: S = power density
P = power input to the antenna (5.105mW)
G = power gain of the antenna in the direction of interest relative to an isotropic radiator (1.58mW ＝ 2dBi)
R = distance to the center of radiation of the antenna (20 cm)